High School to College <u>Articulation</u> Map

<u>Area of Study:</u> Information Technology Education   <u>Pathway:</u> Programming & Software Development
<u>National Career Cluster:</u> Information Technology

<u>Region</u> Wasatch Front <u>District</u> <u>School</u> <u>Contact person</u> Don Johnson <u>Ph.#</u> 957-5807 <u>e-mail</u> don.johnson@slcc.edu <u>Date</u> 10-20-06	<u>College / Institution</u> Salt Lake Community College Articulation Agreement in place? Yes * No <u>Name of Degree or Certificate</u> Computer Info Systems/ Computer Programming & Design Assoc of Applied Sci (66 hours req)

High School				**College**		
Course #	**High School Suggested Courses**	**H.S. Credit**	**College Credits**	**Course #**	**College General Education Requirements**	**Credits**
				ENGL 2100#	Technical Writing	3
	MATH 1050*	1	4 ⟹	MATH 1050#	College Algebra <u>or</u> MATH 1090 Col Alg Bus (3)	4
	COMM 1010*	1	3 ⟹	COMM 1010#	Elements of Effective Communication	3
				MKTG 1010#	Customer Service	2
	2 courses from 2 areas: BioSci, FineArts, Hum, Int, PhySci, SocSci*	2	6 ⟹	#	2 courses from 2 areas: BioSci, FineArts, Humanities, Interdisciplinary, PhySci, SocSci	6
H.S.Total (General Ed.)And Other Available Credits			**13**		**College Total Credits**	**18**

Course CIP #	**High School Career Pathway Courses (min. # Required 2.5)**	**H.S. Credit**	**College Credits**	**Course #**	**College Major Course Requirements**	**Credits**
Course#	**Introductory Course: (preferred)**	**Credit**				
11.0101	Information Technology, Introduction	.50				
Course#	**Foundation Courses: (required)**	**Credit**				
52.0417	Computer Technology	.50				
11.0201	Computer Programming I	1.00				
11.0202	Computer Programming II	1.00				
Course #	**Elective Courses:**	**Credit**				
11.9920	A+ (Computer Maintenance)	1.00				
11.0301	Database Development I	1.00				
11.0210	Multimedia I: Design & Development	1.00				
32.0199	Student Internship (Critical Workplce Skills)	.50				
				BUS 2200#	Business Communications	3
				CIS 1030#	Object-Oriented Programming I (B grade or +)	3
				CIS 1130#	Object-Oriented Programming II (B grade or +)	3
				CIS 1135#	Object-Oriented Analysis/Design	3
				CIS 1430#	Intern/HTML Fundamentals	3
				CIS 2150#	Comp Organization	3
				CIS 2600#	Fundamentals of Data Base Management	3

				CIS 2800#	Business Systems Design	3
					Electives: CIS 1520, CIS 2000, CIS 2010, CIS 2300, CIS 2350, CIS 2410, CIS 2420, CIS 2430, CIS 2460, CIS 2550, CIS 2650, CIS 2780, CIS 2990, FIN 1380, MKTG 1030, MKTG 1050 (MKTG 1050 counts for Interdiscip Gen Ed credit)	13 (1 elective listed below)
					Select one of the following sequences:	
				CIS 2730#	C++ Programm w/Objects (3) (Sequence 1)	
				CIS 2735#	Win App Prog (3) (Sequence 1)	
					-OR-	6
				CIS 2760#	Java I (3) (Sequence 2)	
				CIS 2770#	Java II (3) (Sequence 2)	
	Additional Articulated Classes Below	**Credit**				
52.0312	Accounting I*	.5	3 ⟹	ACCT 1110#	Financial Accounting I	3
08.0708	Marketing (MKTG 1030)*	.5	3 ⟹	MKTG 1030#	Introduction to Marketing (see electives above)	3
TOTAL Potential(college) Credits Earned in High School			**19**	**TOTAL Credits Required for Major**		**66**

 # Based on an articulation agreement between SLCC and Utah Valley State College, SLCC courses marked by the # sign also count toward a bachelors degree at UVSC (18 hours of General Education & 45 of 49 hours of major courses). This leaves an additional 63 hours to achieve a bachelor's degree in Technology Management at UVSC.

Note: This is a regional agreement. Some classes and some concurrent enrollment agreements may not be available in your particular high school. See your individual school for specific program offering. **Note: *= concurrent; **= distant**   **updated10-20-06**